

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
 Data File : BM026519.D
 Acq On : 24 Jun 2020 03:30
 Operator : JU/CG
 Sample : L3069-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7H2

Quant Time: Jun 24 05:21:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 24 00:41:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	122691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	567090	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	376740	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	826553	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	830601	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	692436	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	16273	4.65	ng/uL	0.00
5) Phenol-d5	6.59	99	80869	7.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	222154	31.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	220904	23.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	163115	18.33	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	136071	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	157610	28.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	278525	27.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	344944	32.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	914612	28.87	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1008667	26.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	27999	5.33	ng/ul	0.02
58) Fluorene-d10	15.04	176	721966	26.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	93412	17.27	ng/ul	0.00
71) Anthracene-d10	16.89	188	1111335	26.41	ng/ul	0.00
79) Pyrene-d10	19.20	212	1188386	26.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	554343	14.48	ng/ul	0.00

Target Compounds

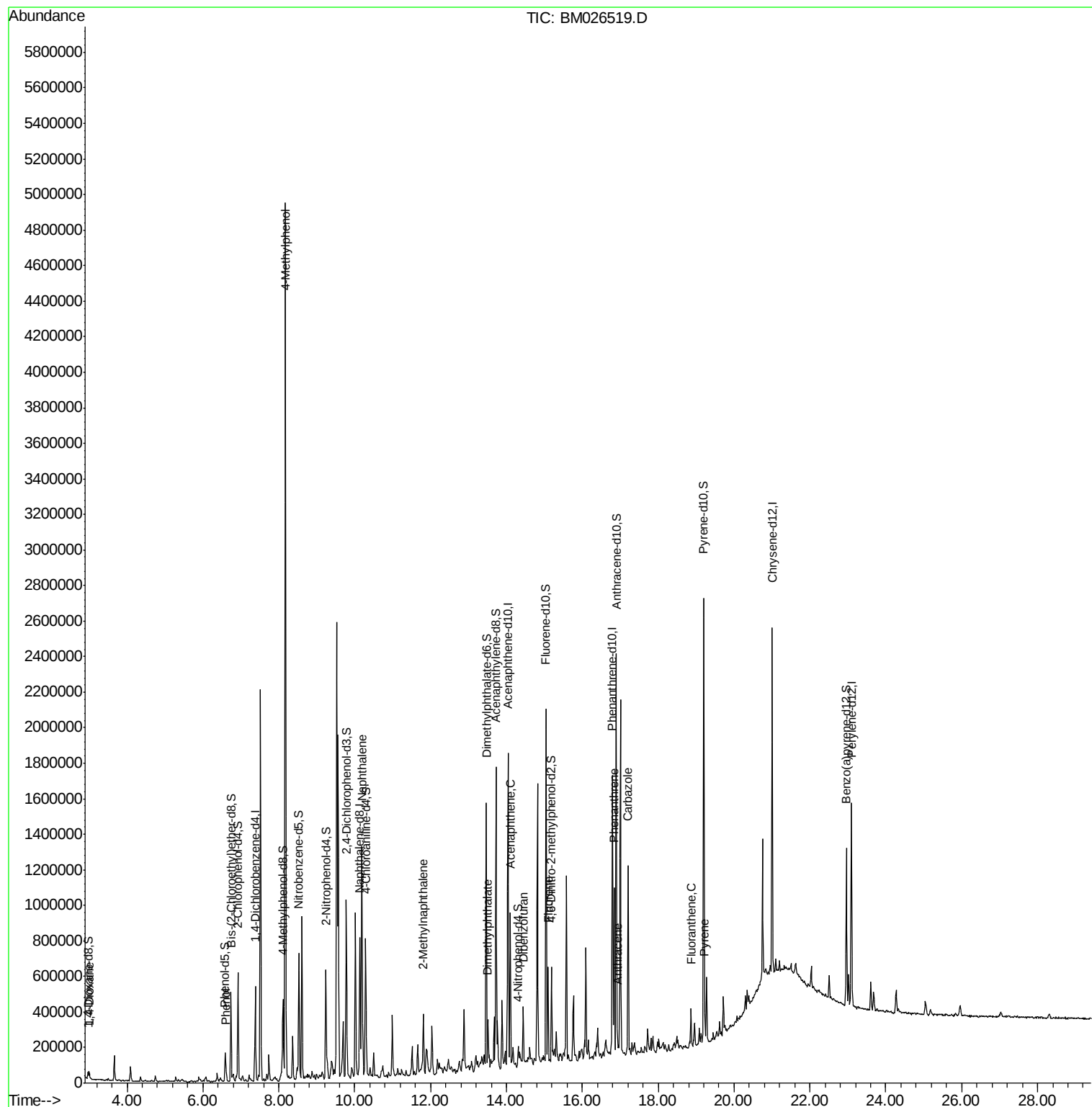
					Ovalue	
2) 1,4-Dioxane	3.00	88	20679	5.331	ng/uL	97
6) Phenol	6.62	94	19584	1.582	ng/ul#	90
16) 4-Methylphenol	8.17	108	1557966	159.914	ng/ul	87
28) Naphthalene	10.19	128	888703	25.771	ng/ul	99
34) 2-Methylnaphthalene	11.81	142	133876	5.524	ng/ul	97
45) Dimethylphthalate	13.51	163	147324	4.478	ng/ul	99
50) Acenaphthene	14.10	153	302638	10.835	ng/ul	99
54) Dibenzofuran	14.44	168	169525	4.299	ng/ul	99
59) Fluorene	15.10	166	210068	6.454	ng/ul	98
70) Phenanthrene	16.83	178	476070	9.183	ng/ul	100
72) Anthracene	16.93	178	61561	1.159	ng/ul	97
75) Carbazole	17.20	167	606513	13.736	ng/ul	99
77) Fluoranthene	18.86	202	116205	2.052	ng/ul	97
80) Pyrene	19.23	202	76380	1.251	ng/ul	98

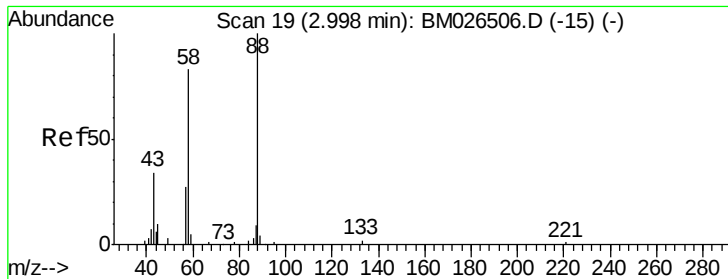
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 24 00:41:03 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 5.331 ng/uL

RT: 3.00 min Scan# 19

Delta R.T. -0.00 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

Instrument :

BNA_M

ClientSampleId :

CB7H2

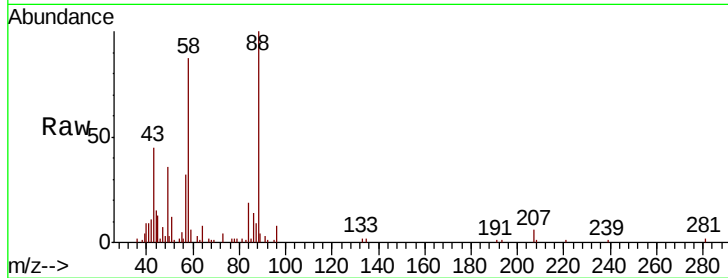
Tot Ion: 88 Resp: 20679

Ion Ratio Lower Upper

88 100

43 44.8 33.2 49.8

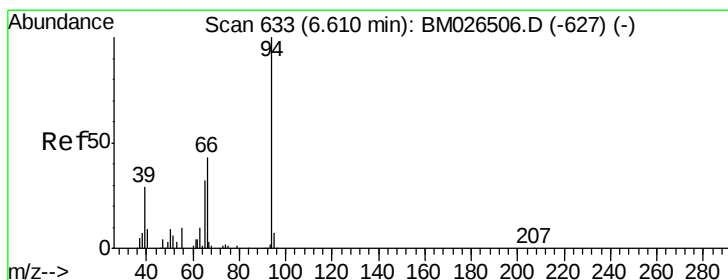
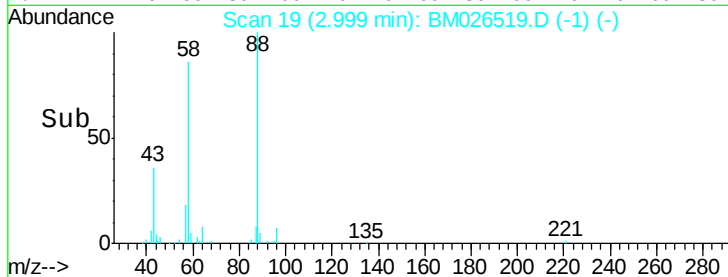
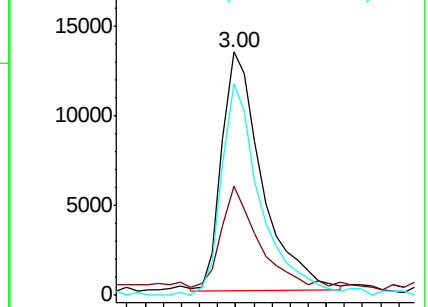
58 86.9 67.8 101.6



Abundance Ion 88.00 (87.70 to 88.70): BM026519.D (-15) (-)

Ion 43.00 (42.70 to 43.70): BM026519.D (-15) (-)

Ion 58.00 (57.70 to 58.70): BM026519.D (-15) (-)



#6

Phenol

Concen: 1.582 ng/uL

RT: 6.62 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

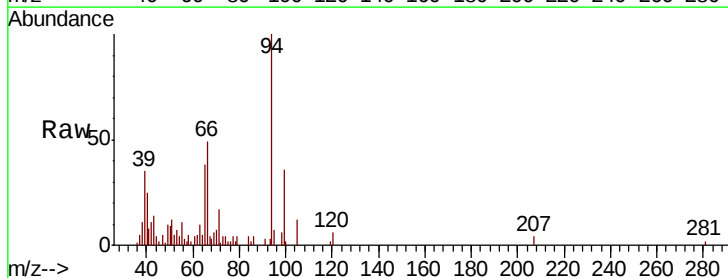
Tgt Ion: 94 Resp: 19584

Ion Ratio Lower Upper

94 100

65 38.4 25.5 38.3#

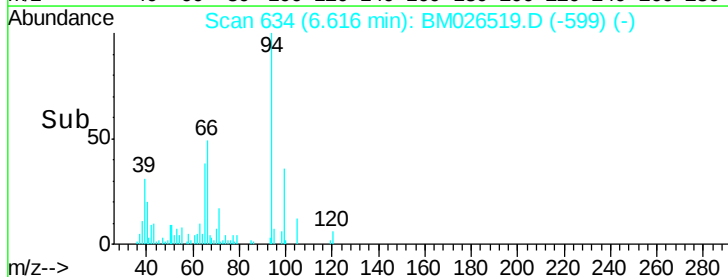
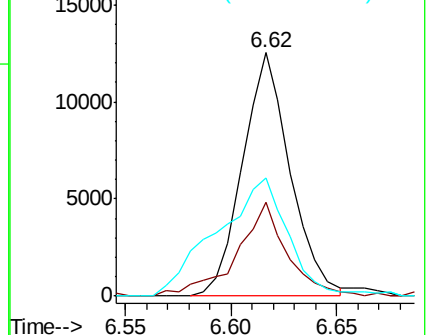
66 48.7 34.8 52.2

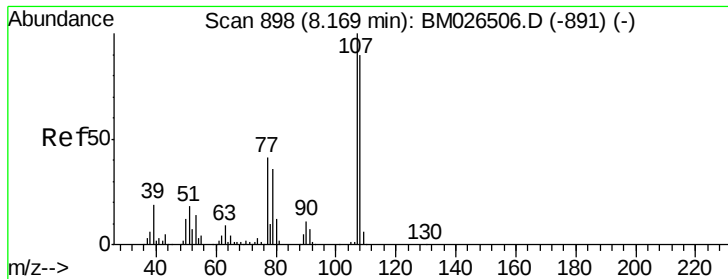


Abundance Ion 94.00 (93.70 to 94.70): BM026519.D (-599) (-)

Ion 65.00 (64.70 to 65.70): BM026519.D (-599) (-)

Ion 66.00 (65.70 to 66.70): BM026519.D (-599) (-)

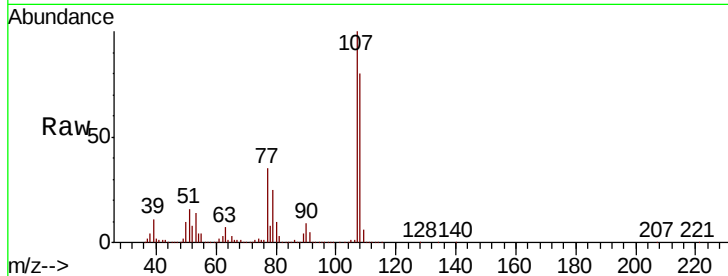




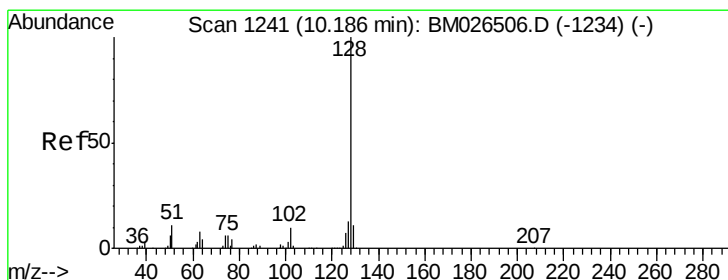
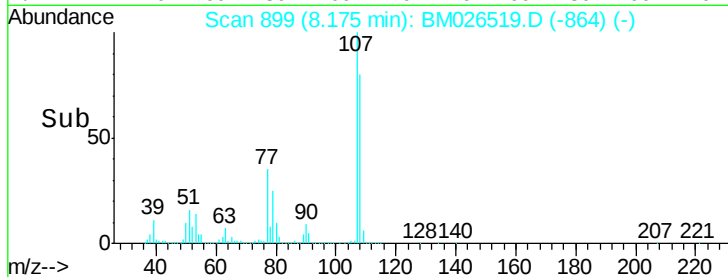
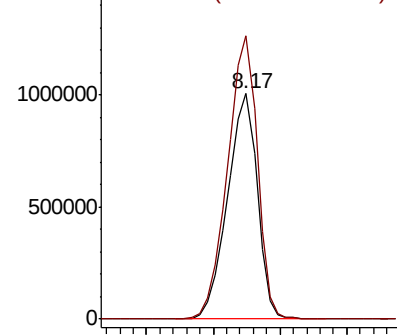
#16
4-Methylphenol
Concen: 159.914 ng/ul
RT: 8.17 min Scan# 899
Delta R.T. 0.01 min
Lab File: BM026519.D
Acq: 24 Jun 2020 03:30

Instrument :
BNA_M
ClientSampleId :
CB7H2

Tot Ion:108 Resp: 1557966
Ion Ratio Lower Upper
108 100
107 125.6 89.2 133.8

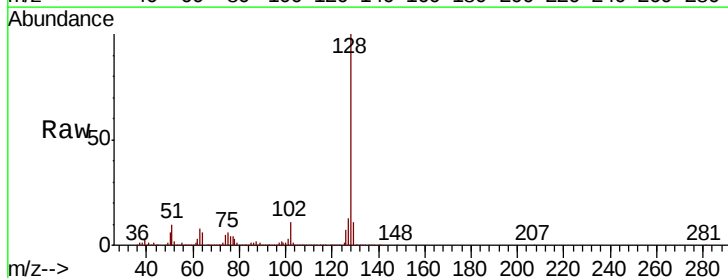


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

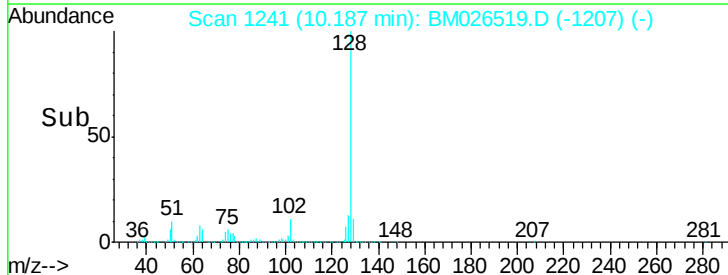
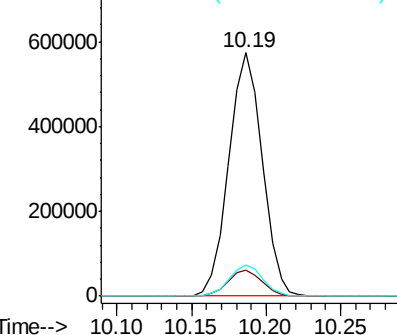


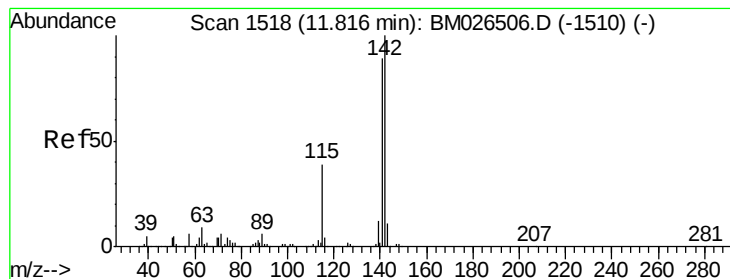
#28
Naphthalene
Concen: 25.771 ng/ul
RT: 10.19 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM026519.D
Acq: 24 Jun 2020 03:30

Tgt Ion:128 Resp: 888703
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#34

2-Methylnaphthalene

Concen: 5.524 ng/ul

RT: 11.81 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

Instrument :

BNA_M

ClientSampleId :

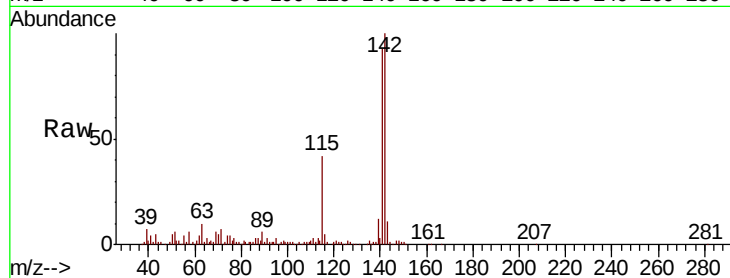
CB7H2

Tot Ion:142 Resp: 133876

Ion Ratio Lower Upper

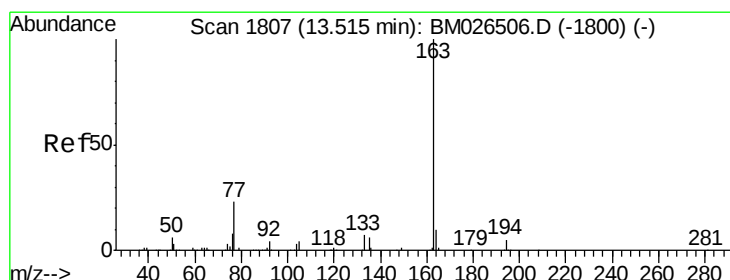
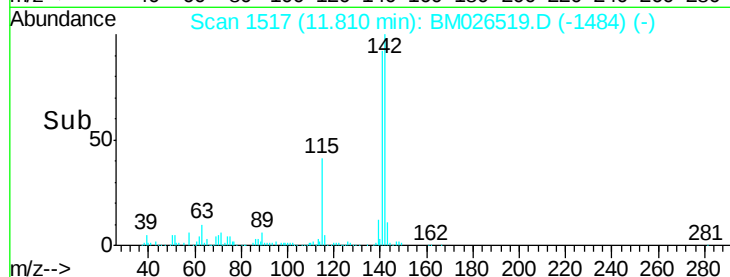
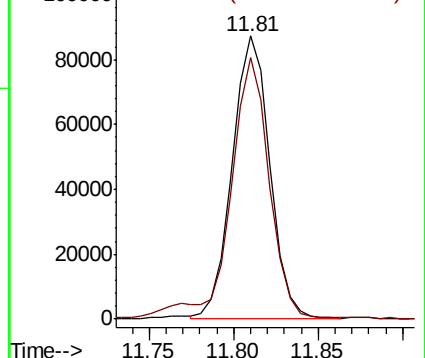
142 100

141 92.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#45

Dimethylphthalate

Concen: 4.478 ng/ul

RT: 13.51 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

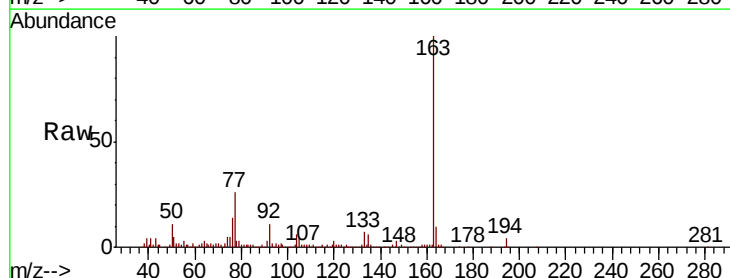
Tgt Ion:163 Resp: 147324

Ion Ratio Lower Upper

163 100

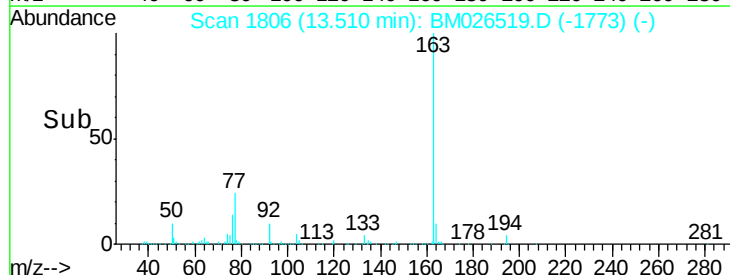
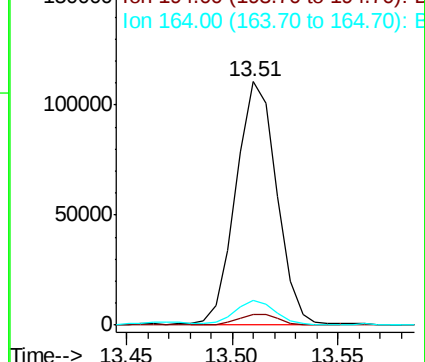
194 4.2 3.4 5.2

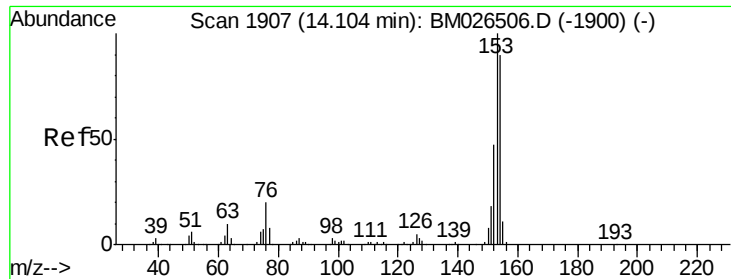
164 10.0 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E





#50

Acenaphthene

Concen: 10.835 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

Instrument :

BNA_M

ClientSampleId :

CB7H2

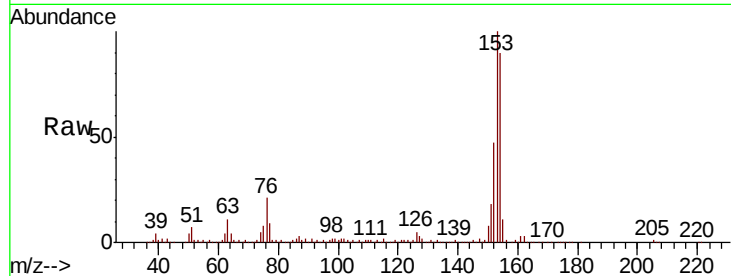
Tot Ion:153 Resp: 302638

Ion Ratio Lower Upper

153 100

152 47.0 36.4 54.6

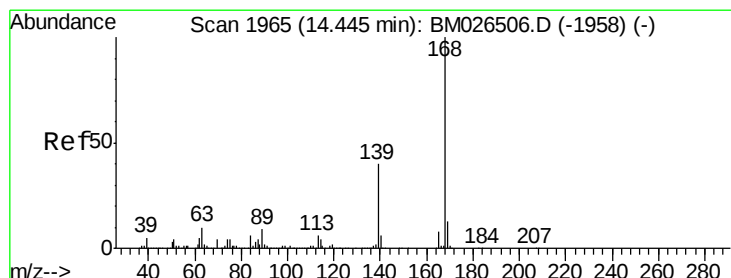
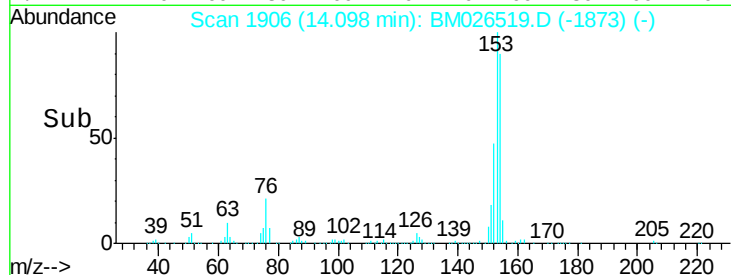
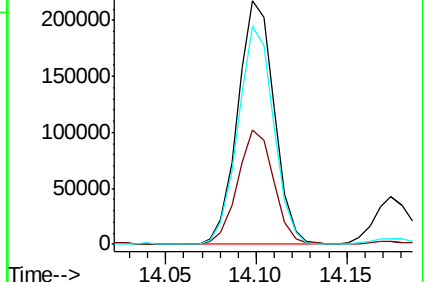
154 89.7 71.0 106.4



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 4.299 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM026519.D

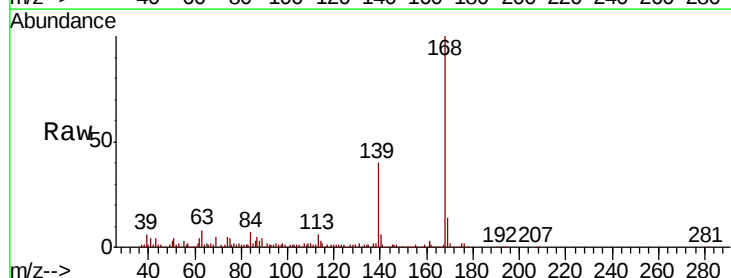
Acq: 24 Jun 2020 03:30

Tgt Ion:168 Resp: 169525

Ion Ratio Lower Upper

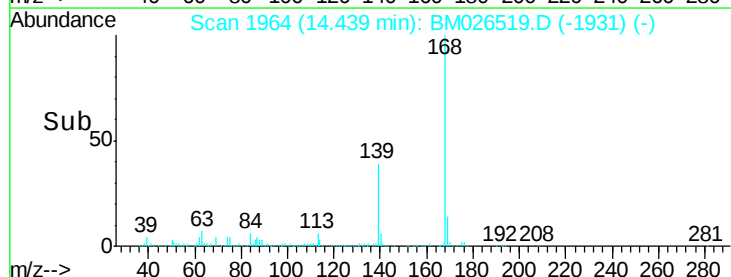
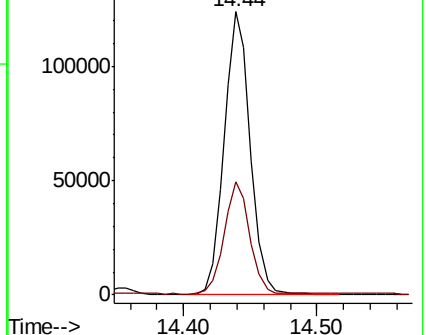
168 100

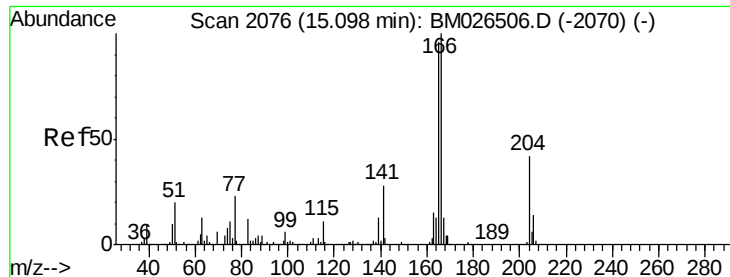
139 39.8 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 6.454 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

Instrument :

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CB7H2

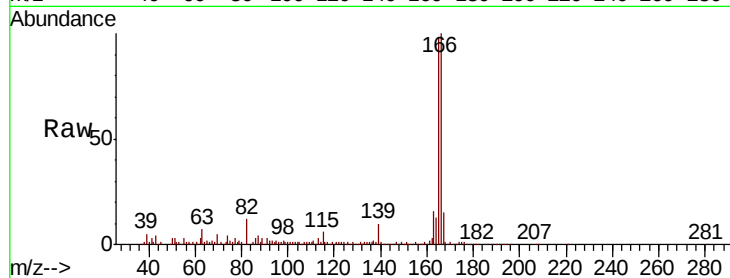
Tot Ion:166 Resp: 210068

Ion Ratio Lower Upper

166 100

165 97.5 77.0 115.4

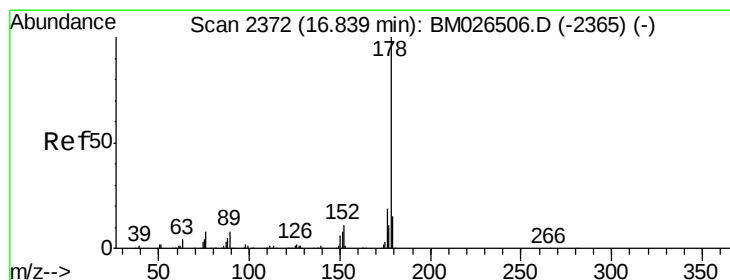
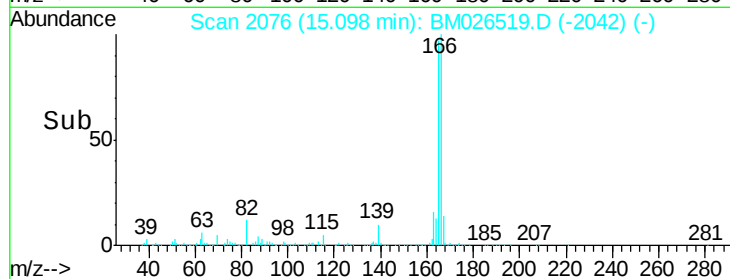
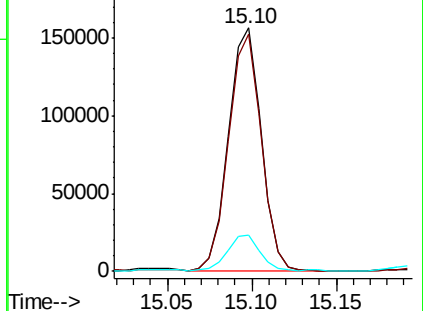
167 14.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 9.183 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

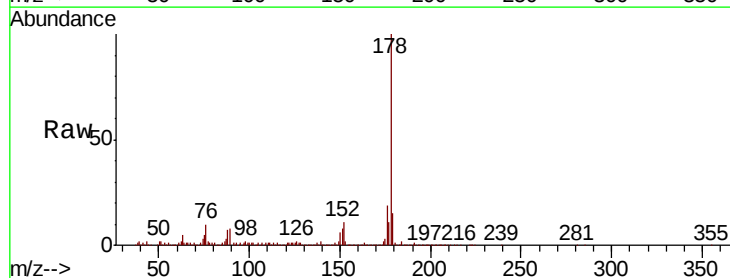
Tgt Ion:178 Resp: 476070

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

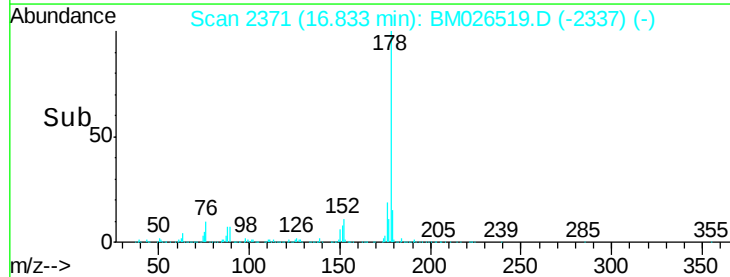
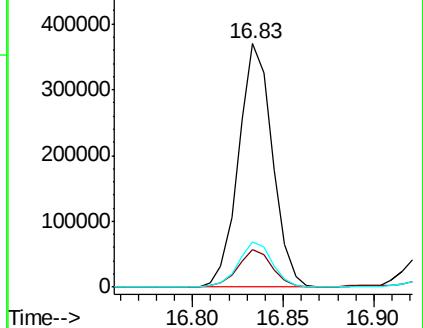
176 18.8 15.0 22.4

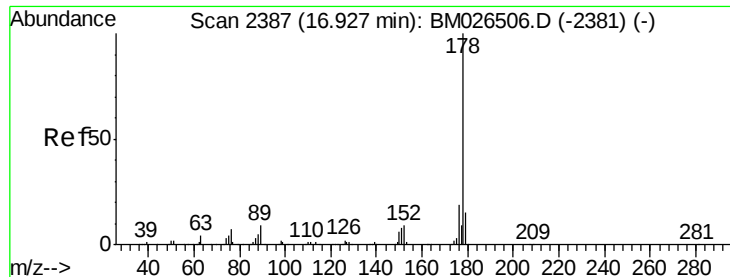


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.159 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.00 min

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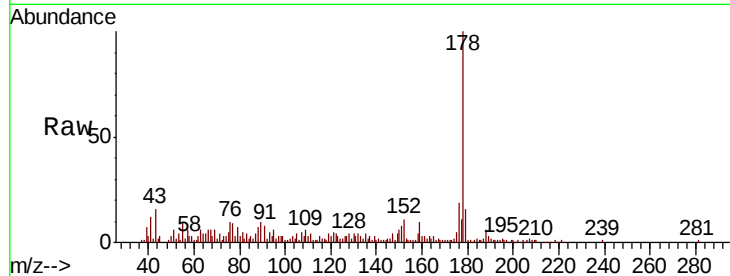
Tot Ion:178 Resp: 61561

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

176 19.1 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

400000

300000

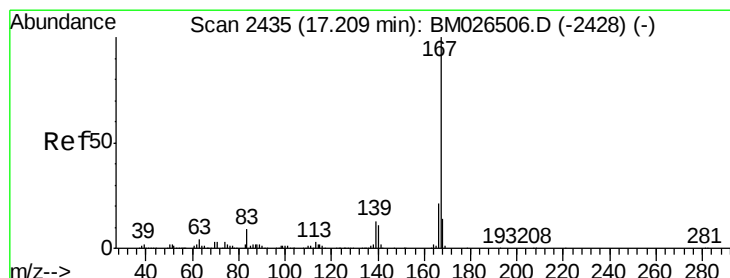
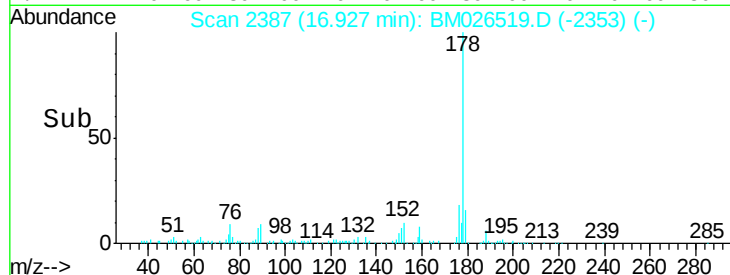
200000

100000

0

16.85 16.90 16.95

Time-->



#75

Carbazole

Concen: 13.736 ng/ul

RT: 17.20 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM026519.D

Acq: 24 Jun 2020 03:30

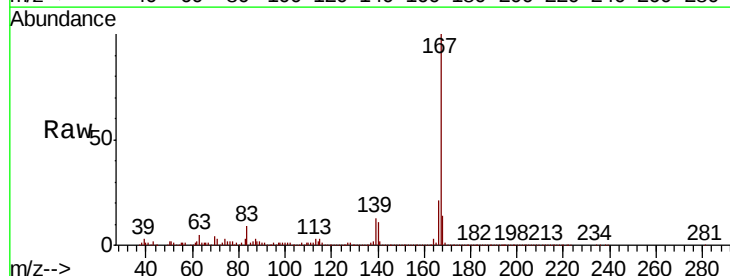
Tgt Ion:167 Resp: 606513

Ion Ratio Lower Upper

167 100

166 20.7 16.8 25.2

139 13.4 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

600000

500000

400000

300000

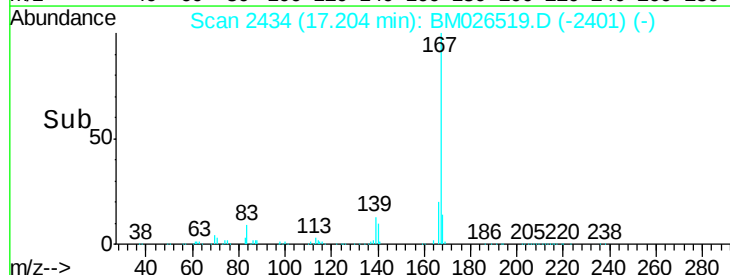
200000

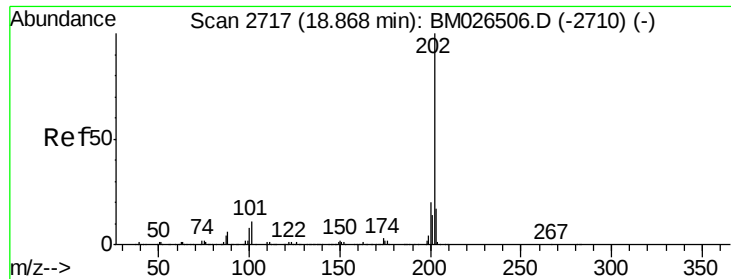
100000

0

17.20 17.30

Time-->

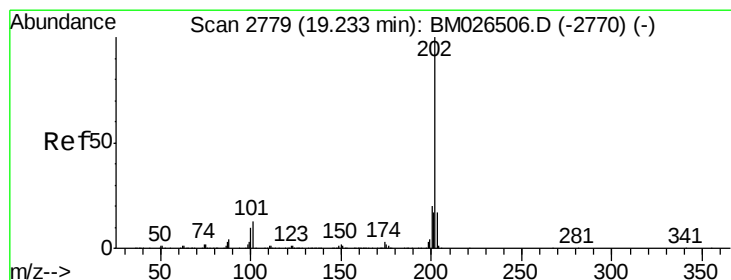
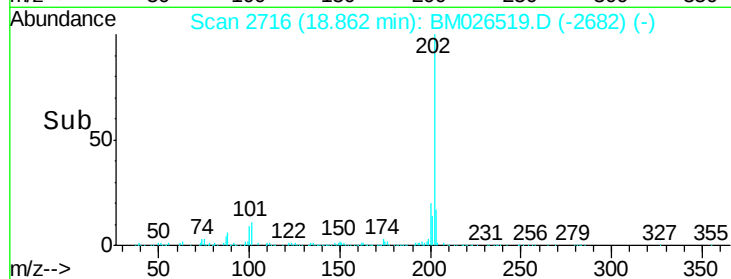
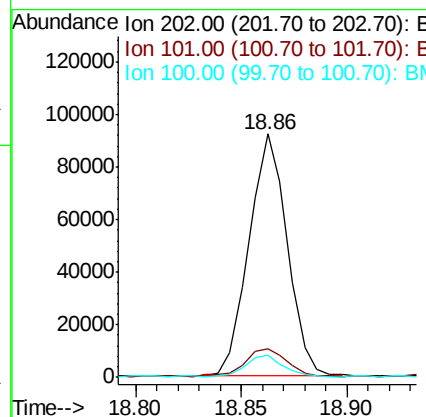
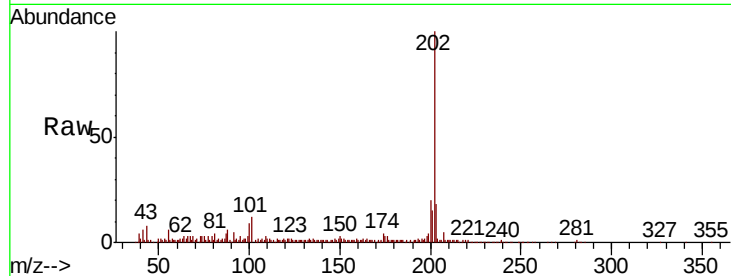




#77
Fluoranthene
 Concen: 2.052 ng/ul
 RT: 18.86 min Scan# 2716
 Delta R.T. -0.00 min
 Lab File: BM026519.D
 Acq: 24 Jun 2020 03:30

Instrument :
 BNA_M
 ClientSampleId :
 CB7H2

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.6	12.8
100	9.1	6.8	10.2



#80
Pyrene
 Concen: 1.251 ng/ul
 RT: 19.23 min Scan# 2778
 Delta R.T. -0.01 min
 Lab File: BM026519.D
 Acq: 24 Jun 2020 03:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.9	16.3
100	10.9	9.0	13.6

